CLAIMS

What is claimed is:

1. A structure of an automatic speed change device for bicycle gearbox, comprising:

a body consisted of a front plank and a rear plank, wherein the body comprises a hollow column between the front plank and the rear plank;

a shaft base, wherein one end of the shaft base is a shaft, wherein the shaft comprises a thread part and a clip element positioned at the extension of the shaft;

a connecting element, wherein said connecting element is a framework and the upper and lower portion of said connecting element respectively comprise an aperture;

a lock-shaft, wherein one end of said lock-shaft is formed in a thread part and another end of said lock-shaft is formed in a connecting part;

a spring disposed on said shaft of said shaft base, wherein said spring is between said clip element of said shaft base and said hollow column of said body; and

gears respectively positioned at both sides of said body and one end of said clip element of said shaft base;

whereby said automatic speed change device is constructed and assembled onto a bicycle, the above-mentioned design is able to control the speed change and gear shift of a rear wheel speed change device with the treading rate of an user, and thus the user can ride more easily and the gear shift is automatically adjust by road

condition.

2. The structure according to claim 1, wherein said front plank and said rear plank of said body respectively comprise apertures at the

5   sides thereof.

3. The structure according to claim 1, wherein said gears positioned at both sides of said body can be disposed pivotally.

10   4. The structure according to claim 1, wherein said clip element further comprises an aperture at one end thereof.

5. The structure according to claim 1, wherein said gear positioned at one end of said clip element is pivotally disposed therein.

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6. The structure according to claim 1, wherein said connecting part of said lock-shaft is coupled with a hauling line of the rear wheel speed change device.

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